

FEB 19 1982

**U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration**

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

DMS 2082

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corporation		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS (Number, Street, City, State, and ZIP Code) 2919 Empire Ave., Burbank, Calif. 91504		
CHEMICAL NAME AND SYNONYMS Polysulfide sealing compound.		TRADE NAME AND SYNONYMS PR-1422 Class B
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Calcium dichromate	4	0.1mg/m	ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	5	200 ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS Dimethyl formamide	3	10 ppm			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.36
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	7.5
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Light brown paste; toluene odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	>100°F (TCC)	FLAMMABLE LIMITS	LeI	UeI
			1	7
EXTINGUISHING MEDIA Dry chemical, foam, CO₂				
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS Can emit toxic vapors.				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	200 ppm
EFFECTS OF OVEREXPOSURE	None
EMERGENCY AND FIRST AID PROCEDURES	
Skin: Wash thoroughly with soap and water.	
Eyes: Wash out thoroughly with large amounts of water; see a physician.	
Inhalation: Remove to fresh air.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Can react with reducing materials			
HAZARDOUS DECOMPOSITION PRODUCTS			
Oxides of sulfur; hydrogen sulfide; formic acid.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Wipe up with rags; wash area with MEK.	
WASTE DISPOSAL METHOD	
Closed containers in normal trash route.	
Do not incinerate.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
N/A		
VENTILATION	LOCAL EXHAUST	SPECIAL
	Adequate to minimize vapors.	
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Gloves or hand cream optional.		Chemical goggles optional.
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Keep in closed containers in sheltered area.	
OTHER PRECAUTIONS	